- - NO.210 (10.25kg/m2) ASPHALT SHINGLES, 10mm (3/8") PLYWOOD SHEATHING WITH "H" CUPS. APPROVED WOOD TRUSSES @ 610mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 900mm (3'-0' O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND SOOmm (3"-0") FROM EDGE OF ROOF AND MIN. 300mm (12") BEYOND INNER FACE OF EXTERIOR WALL, (EAVES PROTECTION NOT REQ'D FOR ROOF SLOPES 5:12 OR GREATER) 38x83 (2"x4") TRUSS BRACKING 0 18:30mm (6"-0") O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RNL & VENTED SOFFIT. PROVIDE ICE & WATER SHIELD TO ALL ROOF/WALL. SURFACES SUSCEPTIBLE TO ICE DAMMING, ROOF SHEATHING TO BE FASTENED 150 (6") c/c ALONG EDGES & INTERMEDIATE SUPPORTS WHEN PRINSES SPACED REPARTED THAN AND (16") ATTO CHEMILATION 1:300 OF TRUSSES SPACED GREATER THAN 406 (16"). ATTIC VENTILATION 1:3 INSULATED CEILING AREA WITH MIN. 25% AT EAVES & MIN. 25% AT (080 9.19.1.2.).
- FRAME WALL CONSTRUCTION (2°x6°) (SB-12-TABLE 3.1.1.2.A)
 SIDING AS PER ELEV., 19x38 (1°x2°) VERTICAL WOOD FURRING, COMTIN.
 SHEATHING MEMBRANE, 11mm (7/16°) EXT. TYPE SHEATHING OR OBC
 COMPLIANT COUNSLENT, 38x140 (2°x6°) STUDS @ 400mm (16°) O.C., RSI 3.87 (R22) INSULATION AND APPR. VAPOUR BARRIER AND APPR CONTIN. AIR BARRIER, 13mm (1/2") INT. DRYWALL FINISH. SIDING TO SE MIN. 200mm (8") ABOVE FINISH GRADE. REFER TO OBC SB-12, CHAPTER 3 FOR REQUIRED MINISHIM THERMAL INSULATION HOUSEMENTS. FRAME WALL CONSTRUCTION (2"x4")— GARAGE WALLS.
- SIDING AS PER ELEV. 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN.
 SIDING AS PER ELEV. 19x38 (1°x2") VERTICAL WOOD FURRING, CONTIN.
 SHEATHING MEMBRANE, 11mm (7/16") EXT. TYPE SHEATHING OR OBC
 COMPLANT EQUIVALENT, 38x89 (2°x4") STUDS © 406mm (16") O.C.
 (MAX. HEIGHT 3000mm (9'-10")), WITH APPR. DIAGONAL WALL BRACING.
 REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARRGE. SIDING TO BE MIN. 200mm (8") ABOVE FINISH GRADE.
- STUCCO WALL CONSTRUCTION (2"x6") (SB-12-TABLE 31.1.2.A) STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28
 THAT EMPLOY A MINIMUM 10mm AR SPACE BEHIND THE CLADDING WITH
 POSITIVE DRAINAGE TO THE EXT. AND APPLIED PER MANUFACTURERS SPECIFICATIONS ON 25mm (1") MIN. EXTRUDED OR EXPANDED RIGID OLYSTYRENE ON APPR. AR/MOISTURE BARRIER ON 38x140 (2°x6°) POLISTYNENE ON APPR. ANYMOSTURE BARRIER ON 38X140 (2 %) STUDS @ 406 (16") O.C., RSI 3.87 (R22) BATH INSUL, APPR. 6 MIL. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM BOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ABOVE FINISH GRADE. REFER TO OBC SB-12. CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.
- STUCCO WALL CONSTRUCTION (2"x4") -GARAGE WALLS
 STUCCO CLADDING SYSTEM CONFORMING TO O.B.C. 9.27.1.1.(2) & 9.28
 THAT EMPLOY A MINIMUM 10 TOTAL AIR SPACE BEHIND THE CLADDING WITH
 POSITIVE DRAINED TO THE EXTERIOR AND APPLIED PER MANUFACTURERS
 CONFORMED THAT AIR PROPARED OF SYMPHISE DRIVE. $\langle 2D \rangle$ SPECIFICATIONS OVER 25mm (1") MIN. EXPANDED OR EXTRUDED RIGID POLYSTYRENE ON APPROVED AIR/MOISTURE BARRIER ON 38x89 (2°x4") STUDS @ 408 (16") C.C. (MAX. HEIGHT 3000mm (9"-10")), WITH APPR DIAGONAL WALL BRACING. REFER TO NOTE 19 WHERE FLOOR EXISTS STUCCO TO BE MIN. 200 (8") ABOVE FINISH CRADE.
- WALLS ADJACENT TO ATTIC NO CLADDING
 11mm (7/16°) EXT. TYPE SHEATHING OR OBC COMPILANT EQUIVALENT,
 38x140 (2°x6°) STUDS ⊚ 400mm (16°) O.C., RSI 3.87 {R22}
 18x5UARION AND APPR. VAPOUR BARRIER AND APPR. CONTIN. AIR BARRIER, 13mm (1/2") INTERIOR DRYWALL FINSH. MID-HEIGHT BLOCKING REGIO. IF NO SHEATHING APPLIED, REFER TO GBC 58-12, CHAPTER 3 FOR ADDITIONAL THERMAL INSULATION REQUIREMENTS.
- BRICK VENEER CONSTRUCTION (2"x8") (SB-12-TABLE 31.1.2.A) $\langle 3. \rangle$ 50mm (4) FACE BRICK, 25mm (1) AIR SPACE, 22x180x0.76mm (7/a'x7'x0.03') GALV. METAL TIES @ 406mm (16') O.C. HORIZONTAL 516mm (24") O.C. VERTICAL APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT. 38x140 (2°x6") STUDS @ 406mm (16") G.C., RSI 3.87 (R22) INSULATION AND APPROVED VAPOUR BARRIER WITH APPROVED CONTIN INSULATION AND APPROVED VAPOUR BURGER WITH APPROVED CURRIN.

 AIR BARRIER. 13mm (1/2") INT. DRIWALL FINISH. PROVIDE WEEP HOLES

 8 80mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE

 8ASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK

 TO BE MIN. 150mm (6") ABOVE FINISH GRADE. REFER TO OBC SB-12,
 CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.
- BRICK VENEER CONSTRUCTION (2"x4")- GARAGE WALLS SOmm (4") FACE BRICK, 25mm (1") AIR SPACE, 22x180x0.76mm (7/6"x7"x0.03") GALV. METAL TIES @ 406mm (16") O.C. HORIZONTAL 610mm (24") O.C. VERTICAL APPROVED SHEATHING PAPER, 11mm (7/16") EXTERIOR TYPE SHEATHING OR OBC COMPLIANT EQUIVALENT. 38x89 (2°x4") STUDS @ 406mm (16") O.C. (MAX. HEIGHT 3000mm (9'-10")) WITH APPROVED DIAGONAL WALL BRACING, REFER TO NOTE 19 WHERE FLOOR EXISTS ABOVE GARAGE, PROVIDE WEEP HOLES @ 800mm (32") O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150mm (6") BEHIND BUILDING PAPER. BRICK TO BE MIN. 150mm (6") ABOVE FINISH GRADE.
- STUCCO WALL CONSTRUCTION (2°x6°) (SR-12-TABLE 31.1.2.A) (3C) STOCO CLADDING SYSTEM CONFORMING TO 0.B.C. 9.27.1.1.(2) & 9.28
 THAT EMPLOYS A MINIMUM TOTION AND APPLIED PER MANUFACTURERS
 POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURERS POSITIVE DRAINAGE TO THE EXTERIOR AND APPLIED PER MANUFACTURER SPECIFICATIONS OVER 25mm (1") MM. EXTRUDED OR EXPANDED RIGID POLISTYRENE ON APPR. CONTIN. AIR/MOISTURE BARRIER ON 38h.140 (2"x6") STUDS ⊚ 408mm (16") O.C., RSI 3.87 (R22) BATI INSUL, APPR. 6 ML. POLYETHYLENE VAPOUR BARRIER, 13mm (1/2") GYPSUM WALLBOARD INTERIOR FINISH. STUCCO TO BE MIN. 200 (8") ASSIVE FINISH GRADE. REFER TO OBC SE—12, CHAPTER 3 FOR REQUIRED MINIMUM THERMAL INSULATION REQUIREMENTS.



STRUDET INC FOR STRUCTURE ONLY INTERIOR STUD PARTITIONS

- FOR ESPANOR PARTITIONS 35x89 (2"x4") © 408mm (16") O.C. FOR 2 STOREYS AND 305mm (12") O.C. FOR 3 STOREYS, NON-BEARING PARTITIONS 35x89 (2"x4") © 610mm (24") O.C. PROVIDE 38x83 (2"x4") BOITOM PLATE AND 2/38x89 (2/2"x4") TOP PLATE 13mm (1/2") INT. DRYWALL BOTH SDES OF STUDS, PROVIDE 38x140 (2"x6") STUDS/PLATES WHERE NOTED.
- FOUNDATION WALL/FOOTINGS: (9.15.3, 9.15.4, 9.13.2, 9.14.2.1.(2)) 200mm (6") POURED CONC. FOTH, WALL 15MPG (2200ps)) WITH BITUMENOUS CAMPPROOFING AND DRAINAGE LAYER, DRAINAGE LAYER REQ'D, WHEN BASEMENT INSUL EXTENDS 900 (2"-11") BELOW FIN. GRADE DRAINGE LAYER IS NOT REO'D. IF FOUNDATION WALL IS NATERPROOFED, MAXIMUM POUR HEIGHT 2390 (7'-10") ON 500x155 (20°x6°) continuous keyed conc. FTG. Brace FDTN. Wall prior to Backfilling. All footings shall rest on Natural Undisturbed SOIL OR COMPACTED ENGINEERED FILL

STRIP FOOTINGS - FOR TOWNHOUSES FOR STRIP FOOTING SIZES REFER TO BLOCK FOUNDATION PLAN. ASSUMED 120 KPg (18 p.s.i.) SOIL BEARING CAPACITY FOR TOWNHOUSES, TO BE VERIFIED ON SITE.

-MAYONIN FLOOR LIVE LOAD OF 2 4kPg (50gd) PER FLOOR -REFER TO SOILS REPORT FOR SOIL CONDITIONS AND BEARING CAPACITY.

- FOUNDATION DRAINAGE OBC. 9.14.2, & 9.14.3. 100mm (4") DIA. FOUNDATION DRAINAGE TILE 150mm (6") CRUSHED STONE OVER AND AROUND DRAINAGE TILES.
- BASEMENT SLAB COC. 9.31.6.(1)(b), 9.16.4.5.(1), 9.25.3.3.(15) 80mm (3")MIN. 25MPe (3600ps) CONC. SLAB ON 100mm (4")
 COARSE GRANDLAR FILL, OR 20MPa. (3000ps) CONC. WITH
 DAMPPROOFING BELOW SLAB. UNDER SLAB INSULATION PER SB-12; 3.1.1.7.(5)(6) where required.
 ALL SLAB JOINTS & PENETRATIONS TO BE SEALED TO MAINTAIN AIR
- (8.) WOOD SUBFLOORS (SEE OBC, 9.23.14. & 9.30.21) -19mm (3/4") MIN. T & G SUBFLOOR UNDER GROUND FLOOR FINISH FLOOR. (5/8") T&G SUBFLOOR UNDER SECOND FLOOR FINISH FLOOR. 18mm: (5/8") PANEL-TYPE UNDERLAY FOR CERMAC TILE APPLICATION. 6mm: (1/4") PANEL-TYPE UNDERLAYMENT UNDER RESILIENT & PARQUET FLOORING.
- 9. ATTC INSULATION (SB-12-TABLE 31.1.2.A) (SB-12-3.1.1.8)
 RSI 13.56 (R60) BLOWN IN ROOF INSULATION AND APPROVED VAPOUR
 BARRIER, 16mm (5/8") INT. DRYWALL FINISH OR APPROVED EQUAL RSI 3.52 (R20) MIN. ABOVE INNER SURFACE OF EXTERIOR WALL
- STAIRS/EXTERIOR STAIRS -OBC. 9.8.-ECIDAL PICE -5min (1/47) MAX BETWEEN ADJACENT TREADS OR LANDINGS
- -10mm (1/2") MAX BETWEEN TALLEST & SHORTEST RISE IN FLIGHT MAX. RISE = 200 (7-7/8") MIN. RUN = 210 (8-1/4") = 235 (9-1/4") MIN TREAD = 25 (9-1/4) = 25 (1") = 1950 (6'-5") = 900 (2'-11") = 865 (2'-10") to 965 (3'-2") MAX. NOSING MIN. HEADROOM RAIL @ LANDING

BE 50 (2") MIN. HANDRAILS TO BE CONTINUOUS EXCEPT FOR NEWEL POST AT CHANGES OF DIRECTION .

200mm (36") HIGH GUARD WHERE DISTANCE FROM PORCH TO FIN.
GRADE IS LESS THAN (800mm (71") 1070mm (42") HIGH GUARD IS
REQUIRED WHERE DISTANCE EXCEEDS 1800mm (71").

BASEMENT INSULATION (SB-12-3.1.1.7), 9.25.2.3, 9.13.2.6)

(8") ABOVE THE FINISHED FLOOR & NO CLOSER THAN 50mm (2") OF THE BASEMENT SLAB. RSI 3.52ci (R20ci) BLANKET INSULATION TO NAVE APPROVED VAPOUR BARRIER. RECOMMEND DAMPPROOF WITH BUILDING

APPROVED WATCH BRONER RECOMMEND DRIFFFROOT WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL NOTE: FULL HEIGHT INSULATION AT COLD CELLAR WALLS. AIR BARRIER TO BE SEALED TO FOUNDATION WALL WITH CAULKING.

CONTINUOUS INSULATION (ci) IS NOT TO BE INTERRUPTED BY FRAMING.

28x89 (2°x4°) STUDS @ 406mm (16°) O.C. 38x89 (2°x4°) SILI PLATE ON DAMPFROOFING MATERIAL, 15mm (1/2°) DIA ANCHOR BOLTS 200mm (8°) LONG, EMBEDDED MIN. 100mm (4°) INTO CONC. @ 2409mm (7°−10°) O.C. 100mm (4°) HIGH CONC. CURB

ON 305x155 (12°x6°) CONĆ. FOOTING. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

89mm(3-1/2") DIA x 4.78mm(0.188") STL COL WITH A MIN. CAPACITY OF 108.6kN (24,000/bs.) WITH 150x150x9.5

\$0mm(3-1/2") DA x 4.78mm(0.188") STL COL WITH 100x100x60, (4"x4"x1/4") 10P & BOTTOM PLATES, FIELD WELD BOTTOM PLATE TO 100x250x12.5 (4"x10"x1/2") BASE PLATE C/W

2-12mm DIA x 300mm LONG x50mm HOOK ANCHORS (2-1/2"x12"x2"). THE COLUMN TO STUD WALL WITH 2-32x3.175

1/4"x 1/8") STEEL STRAP WELDED TO COLUMN AND FASTENED

STUD WITH 2-SDS 6.35x38 (1/4°x1 1/2") SCREWS MANUF.

(15) STEEL BASEMENT COLUMN (SEE O.B.C. 9.15.3.3)

(6"x6"x3/8") STL TOP & BOTTOM PLATE.

15A STEEL COLUMN

BASEMENT BEARING STUD PARTITION

13.) FOUNDATION WALLS ENCLOSING HEATED SPACE SHALL BE INSULATED FROM THE UNDERSIDE OF THE SUBFLOOR TO NOT MORE THAN 200mm

INTERIOR GUARDS: 900mm (2'-11") MIN, HIGH

SILL PLATE ANCHORAGE

22 38x89 (2*4") SILL PLATE WITH 13mm (1/2") DIA ANCHOR BOLTS
200mm (8") LONG, EMBEDDED MIN. 100mm (4") INTO CONC. ©
2400mm (7"-10") J.C., CAULKING OR 25 (1") MIN. MINERAL WOOL
BETWEEN PLATE AND TOP OF FOTN. WALL.
USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

RAIL @ STAIR

HANDRAILS -08C, 9.8.7.-

INTERIOR GUARDS -OBC, 9.8.8,-

EXTERIOR GUARDS - 08C. 9.8.8.

SILL PLATE ANCHORAGE

- (29.) 3-38x140 (3-2°x6°) SUILT-UP-POST ON METAL BASE SHOE ANCHORED TO CONC. WITH 12.7 DIA BOLT, 406x406x203 MIN. STAIR WIDTH

 <u>FOR CURVED STAIRS</u>

 MIN. RUN = 150 (6")

 RUN = 200 (8") MIN. STAIR WIDTH = 860 (2'-10") (16"x16"x8") CONC, FTG. OR AS OTHERWISE SPECIFIED ON DRAWING. STEPPED FOOTINGS (OBC 9.15.3.9.)
- MIN. HORIZ. STEP = 600mm (24") MAX. VERT. STEP = 600mm (24) FINISHED RAILING ON PICKETS SPACED MAXIMUM 100mm (4") BETWEEN PICKETS, CLEARANCE BETWEEN HANDRAIL AND SURFACE BEHIND IT TO
 - SLAB ON GRADE SLAG, UNI SERVIE MIN. 100mm (4") CONCRETE SLAB ON GRADE ON 100mm (4") COARSE GRANDLAR FILL. REINFORCED WITH 646-WZ.9.WZ.9 MESH PLACED NEAR MOD-DEPTH OF SLAB. CONC. STRENGTH 32 MPG (4640 psi) With 5-8% AIR ENTRAINMENT ON COMPACTED SUB-GRADE, UNDER SLAB INSULATION AS PER OBC. SB-12 3.1.1.7.(5)(6) AND SB-12, TABLE 3.1.1.2.A where required.
 ALL JOINTS & PENETRATIONS OF INTERIOR SLABS TO BE SEALED O MAINTAIN AIR BARRIER.

LOOSE STEEL LIMIELS

CONCRETE PILASTER

(18.)

(21)

MIN. SEARING 90mm (3-1/2")

16 BEAM POCKET OR 200x200 (8"x8") POURED CONC. NB WALLS.

20) DOOR AND FRAME CASPROOFED, DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHERSTRIPPING PER DEC 9.10.13.15.

DRYER VENT(OSC-8.2.3.8(7), & 6.2.4.1.1)
CAPPED DRYER EXHAUST VENTED TO EXTERIOR
(USE 100mm (4") DIA SMOOTH WALL VENT PIPE).

23 ATTIC ACCESS HATCH WITH MIN. DIMENSION OF 545x700mm

(21-1/2"x27-1/2") & A MIN. AREA OF 0.32 SO.M. (3.44

TOP OF RREPLACE CHANNEY SHALL RE 915mm (3'-0") ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 610mm (2'-0") ABOVE THE ROOF SURFACE WITHIN A HORIZ, DISTANCE OF 3050mm (10'-0") FROM THE CHINNEY.

MECHANICAL EXHAUSI
MECHANICAL EXHAUSI FAM, VENTED TO EXTERIOR AS REQUIRED FOR CBC. 9.32.3.5. & 9.32.3.10.

 $(3/4^\circ)$ x 200mm (8") long galv. Anchors within solid block course. Level with non-shrink grout.

SOUD BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED MEMBER, SOUD WOOD BEARING COMPRISED OF BUILT-UP WOOD

CLASS 'B' WENT U.C. RATED CLASS 'B' VENT 610mm (2'-0') ABOVE THE POINT IN CONTACT WITH THE ROOF FOR SLOPES UP TO 9/12, REFER TO THE OMITATIO GAS IJULIZATION CODE.

TO BE CONSTRUCTED IN ACCORDANCE WITH ORC

\$\frac{27}{280\chi280\c

SOLID WOOD REARING FOR WOOD STUD WALLS

BASEMENT WOOD POST (OBC 9,17.4.)

SQ.FT.) WITH WEATHERSTRIPPING. RSI 3.52 (R20) RIGID INSULATION BACKING, SEE OBC SB-12, 3.1.1.8.

FIREPLACE CHIMNEYS -OBC. 9.21.

4 SHELVES MIN. 350mm (14") DEEP.

(25) LINEN GLOSETS

9.17.4.2(2)

PRECIST CONFETTE STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER, MAX. RISE 200mm (7-7/8") MIN. TREAD 250mm (9-27/32"). SEE OBC. 9.8.9.2., 9.8.9.3. & 9.8.10.

GARAGE SLAB

100nm (4") 32MPa (4640ps) CONC. SLAB WITH 5-SX AR
ENTRABMENT ON OPTIONAL 100 (4") COARSE GRANUAR FILL WITH
COMPACTED SUB-BASE OR COMPACTED INTIME FILL
SLOPE TO FRONT (EXTERIOR) AT 12 MIN.

INTERIOR GARAGE WALLS & CELLINGS (SB-12-TABLE 31.1.2A)
13mm (1/2") GYPSUM BOARD ON WALL AND CELLING HEWEEN
HOUSE AND GARAGE, RSI 3.87 (R22) BY WALLS, RSI 5.46 (R31)
BY CELING, TAPE AND SEAL ALL JONTS ARTIGHT PER 0.8.C.
9.10.9.16. REFER TO SB-12, TABLE 3.1.1.2A FCR
REQUIRED THERMAL INSULATION.

LOOSE STEEL LINTELS	
$L1 = 3-1/2^{\circ} \times 3-1/2^{\circ} \times 1/4^{\circ}L (90x90x6.0i)$	
L2 =4" x 3-1/2" x 5/16 L (100x90x8.0L)	
L3 = $5^{\circ} \times 3 - 1/2^{\circ} \times 5/16^{\circ} (125 \times 90 \times 8.0 L)$	
$L4 = 6^{\circ} \times 3 - 1/2^{\circ} \times 3/8^{\circ} L (150x00x10.0L)$	
L5 =6" x 4" x 3/8"L (150x100x10.0L)	PAD FOOTINGS
L6 =7" x 4" x 3/8"L (180x100x10.0L)	120 KPO, MATIVE SCIL 90 KPO, ENGINEERED FILL SOIL
LAISVATED VENEER LUMBER (LYL) SEAMS	F1 = 42"x42"x18" CONCRETE PAD F1 = 48"x48"x20" CONCRETE PAD F2 = 36"x36"x16" CONCRETE PAD F2 = 40"x40"x16" CONCRETE PAD
LVL1A =1-1 3/4°x7 1/4° (1-45x184)	F3 = 30°x30"x12" CONCRETE PAD F3 = 34°x34°x14° CONCRETE PAD
LVL1 = $2-1 \frac{3}{4}^{2}x7 \frac{1}{4}^{2} (2-45x184)$	F4 = 24"x24"x12" CONCRETE PAD F4 = 28"x28"x12" CONCRETE PAD
LVL2 =3-1 3/4"x7 1/4" (3-46x184)	F5 = 16"x16"x8" CONCRETE PAD F5 = 18"x18"x8" CONCRETE PAD
LVL3 =4-1 3/4"x7 1/4" (4-45x184)	(REFER TO FLOOR PLAN FOR UNUSUAL SIZE PAGS NOT ON CHART.)
LVL4A =1-1 3/4"x9 1/4" (1-45x235)	DOOR SCHEDULE
LVL4 =2-1 3/4"x9 1/4" (2-45x235)	
U45 =3-1 3/4°x9 1/4" (3-45x235)	NOS. WIDTH HEIGHT HEIGHT TYPE 8'to 9' 10' OR MORE
LVL5A =4-1 3/4"x9 1/4" (4-45x235)	8'tc 9' 10' OR MORE CEILING CEILING
LVL6A =1-1 3/4"x11 7/8" (1-45x300)	1 2'-10" 6'-8" 8'-0" INSULATED ENTRANCE DOOR
LVL6 =2-1 3/4"x11 7/8" (2-45x300)	10 2'-8" 6'-8" 8'-0" INSULATED FRONT DOORS 2 2'-8" 6'-8" 8'-0" WOOD & GLASS DOOR 3 12'-8" 6'-8" 8'-0" EXTERIOR SLAB DOOR
LVL7 =3-1 3/4"x11 7/8" (3-45x300)	3 2'-8' 6'-8' 8'-0" EXTERIOR SLAB DOOR 4 2'-8" 6'-8" 8'-0" INTERIOR SLAB DOOR
LVL7A =4-1 3/4"x11 7/8" (4-45x300)	4 2'-8" 6'-8" 8'-0" INTERIOR SLAD DOOR
LVL8 =2-1 3/4"x14" (2-45x356)	5 2'-6" 6'-8" 8'-0" INTERIOR SLAB DOOR 6 2'-2" 6'-8" 8'-0" INTERIOR SLAB DOOR
UL9 =3-1 3/4"x14" (3-45x356)	7 1'-6" 6'-8" 8'-0" INTERIOR SLAB DOOR
BRICK VENEER LIMELS	WOOD LINTELS AND BEAMS
WL1 =3-1/2" x 3-1/2" x 1/4°L (89x89x6.4L)	+ 2-2°x8" SPR. No.2 WB1 =2-2"x8" (2-38x184) SPR. No.

(VL9 =3-1 3/4"x14" (2-40x356)		8'-0" INTERIOR SLAB DOOR 8'-0" INTERIOR SLAB DOOR
SRICK VOIETR LINTELS		WOOD LINTELS AND BEAMS
WL: =3-1/2" x 3-1/2" x 1/4" (89x89x6.4L) WL2 =4" x 3-1/2" x 5/16" (102x89x7.9L) WE3 =5" x 3-1/2" x 5/16" (127x89x7.9L) WL4 =6" x 3-1/2" x 7/16" (152x89x11.0L) WL5 =6" x 4" x 7/16" (152x102x11.0L) WL6 =5" x 3-1/2" x 5/16" (127x89x7.9L) WL7 =5" x 3-1/2" x 5/16" (127x89x7.9L) WL8 =5" x 3-1/2" x 5/16 (127x89x7.9L) WL9 =6" x 4" x 7/16" (152x102x11.0L)	+ 2-2'x8" SPR. No.2 + 2-2'x8" SPR. No.2 + 2-2'x10" SPR. No.2 + 2-2'x12" SPR. No.2 + 2-2'x12" SPR. No.2 + 2-2'x12" SPR. No.2 + 3-2'x10" SPR. No.2 + 3-2'x10" SPR. No.2 + 3-2'x10" SPR. No.2	W81 =2-2"x8" (2-38x184) SPR. No.2 W82 =3-2"x8" (3-38x184) SPR. No.2 W83 =2-2"x10" (2-38x235) SPR. No.2 W84 =3-2"x10" (3-38x235) SPR. No.2 W85 =2-2"x12" (2-38x286) SPR. No.2 W86 =3-2"x12" (3-38x286) SPR. No.2 W87 =5-2"x12" (5-38x286) SPR. No.2 W811 =4-2"x10" (4-38x235) SPR. No.2 W812 =4-2"x12" (4-38x235) SPR. No.2

VINK ntario Building Code to be a Des Richard Vink 24488 nome registration information VA3 Design Inc. 42658 SB NOTE FURTHER DEFINED Contractor must verify all dimensions on the job and report any discrippincy to the Designer before proceeding with the work. All drawings and specifications are instruments of sortice and the property of the Designer which must be returned at the completion of the work. AUG 24/20 GV ISSUED FOR PERMIT APR. 13/20 GW

DIRECT VENTING GAS FURNACE VENT

ORECT VENT FURNACE TERMINAL MIN. 900mm (36") FROM A GAS
REGULATOR. MIN. 300mm (12") ABOVE FIN. GRADE, FROM ALL OPENINGS,
EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE A MIN. OF 1830mm

(6'-0") FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION
CODE. ALL AIR INTAKES SHALL BE LOCATED SO THAT THEY ARE
SEPARATED FROM KITCHEN EXHAUST BY 3.0M IN COMPLIANCE WITH O.B.C.
DIY A. TABLE 6.2.3 12 DIV - R TABLE 6.2.3.12

33) DIRECT VENTING GAS FIREPLACE VENT
DIRECT VENT GAS FIREPLACE VENT TO BE A MINIMUM JODDIM (12")
FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS JOIST STRAPPING AND BRIDGING (SEE OBC. 9.23.9.4)

16mm (5/8") T & G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERANIC TILE APPLICATION (* SEE OBC 9.30.6. *) 6mm (1/4") PANEL TYPE UNDERLAY UNDER RESILIENT & PARQUET FLOORING. (* SEE OBC 9.30.2.*)
FLOOR JOISTS WITH SPANS OVER 2100mm (6'-11") TO BE BRIDGED

WITH 38x38 (2"x2") CROSS BRACING OR SOLID BLOCKING © 2100mm (6'-11") O.C. MAX. AND WHERE SPECIFIED BY JOIST TABLES A-1 OR A-2 STRAPPING SHALL BE 19x64 (1"x3") © 2100mm (6'-11") O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. (" SEE OBC

\$\frac{\text{Exposed Building Face \text{\text{\text{-OBC}}}\ \text{\tex

COLD CELLAR PORCH SLAB (OBC 9.39.) (36) FOR MAX. 2500 mm (8'-2") PORCH DEPTH (SHORTEST DM.), 125mm (4 7/8") 32MPa (4640psi) CONC. SLAB WITH 5-8% AR ENTRANMENT. REINF. WITH 10M BARS @ 200mm (7 7/8") O.C. EACH WAY IN BOTTOM THIRD

OF SLAB, 600x600 (23 5/8"x 23 5/8") 10M DOWELS @ 600mm (23 5/8") O.C. ANCHORED IN PERIMETER EDITH, WALLS, SLOPE SLAB MIN 1/0% FROM DOOR, SLAB TO HAVE MIN 75mm (3") BEARING ON FORW WALLS, PROVIDE (L1) LINTELS OVER CELLAR DOOR AND WITH 100mm END BEARING.

BRICK CHECK

THE FOTH. WALL SHALL NOT BE REDUCED TO LESS THAN 90mm (3-1/2")
THICK TO A MAX. DEPTH OF 660mm (26") AND SHALL BE TIED TO THE
FACING MATERIAL WITH METAL TIES SPACED 200mm (8") O.C. VERTICALLY
AND 900mm (36") O.C. HORIZONTALLY. FILL SPACE BETWEEN WALL AND
FACING SOLID WITH MOTHER.

CONVENTIONAL ROOF FRAMING (2.0Kpg, SNOW LOAD) (38.) 38x140 (2"x6") RAFIERS @ 408mm (16"0.C.) FOR MAX 11"-7" SPAN, 38x184 (2"x8") RIDGE BOARD. 38x89 (2"x4") COLLAR TIES AT MIDSPANS. CEILING JOISTS TO BE 38x89 (2"x4") @ 408mm (16") O.C. FOR MAX. 2830mm (9'-3") SPAN & 38x140 (2"x6") @ 408 (16") O.C. FOR MAX 233.1140 (2 xb) © 435 (16) 0.0. FAR 26 4450mm (14'-7") SPAN.
RAFTERS FOR BUILT-UP ROOF TO BE 38x89 (2"x4") © 610mm (24")
0.C. WITH A 38x89 (2"x4") CENTRE POST TO THE TRUSS BELOW,
LATERALLY BRACED © 1800mm (6'-0") 0.C. VERTICALLY.

TWO STOREY VOLUME SPACES -FOR A MAXIMUM 5490 mm (18'-0") HEIGHT AND MAXIMUM SUPPORTED BOOF TRUSS LENGTH OF 6.0m. PROVIDE 2-38x140 (2-2"x6") SPR.#2 CONTIN. STUDS @ 305mm (12") O.C. (TRIPLE UP AT EVERY THIRD Double Stud for Brick Walls) C/W 9.6 (3/8") Thick ext. Plywood Sheathing. Provide Solid Wood Blocking Between Wood Studs @ SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 1220 mm (4^* -O") O.C. VERTICALLY. -FOR WALLS WITH HORIZ. DISTANCES NOT EXCEEDING 2900 mm (9^* -6"), PROVIDE 38x140 (2^* x6") STUDS @ 406 (16") O.C. WITH CONTINUOUS 2-38x140 (2^- 2"x6")TOP PLATES + 1-38x140 (1-2"x6") BOTTOM PLATE & MINIMUM OF 3-38x184 (3-2"x6") CONT. HEADER AT GRND. CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES AND HEADERS.

EXPOSED FLOOR TO EXTERIOR (SB-12-TABLE 3.1.1.2.A) 40. PROVIDE RSI 5.46 (R31) INSULATION, APPROVED VAPOUR BARRIER AND CONTINUOUS AIR BARRIER, FINSHED SOFFIT.

PARTYWALLS

PORTAL 1 HOUR RATED PARTYWALL 41. REFER TO DETAILS FOR TYPE AND SPECIFICATIONS.

EXTERIOR WALLS FOR WALK-OUT CONDITIONS
THE EXTERIOR BASEMENT STUD WALL TO BE 38x140 (2"x6") STUDS @ 406mm (16") o.c. <u>OR</u> 38x89 (2"x4") STUDS @

WINDOWS: RUCTED GLAZED OR OPENABLE AREA WITH MIN. CLEAN

WINDOW GUARDS —OBC. 9.8.8.1.(6)

A GHARD IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 480mm (1'-7") ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FIN. FLOOR TO THE ADJACENT GRADE IS GREATER THAN 1800mm

(5'-11')

WINDOW WELLS - OBC. 9.14.6.3.
ALL WINDOW WELLS TO DRAIN TO FOOTING LEVEL PER OBC 9.14.6.3.
CHECK WITH THE LOCAL AUTHORITY.

EXTERIOR WINDOWS
ALL EXTEROR WINDOWS TO COMPLY WITH REQUIREMENTS STATED IN O.B.C.-DIV. B-9.7.1.7. & SB12-3.1.1.9.

DOORS:

EXTERIOR DOORS— THERMAL RESISTANCE
ALL EXTERIOR DOORS TO COMPLY WITH THERMAL RESISTANCE AS STATED 1
 0.8.C. SE-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.

O.B.C. SE-12-3.1.1.9.

O.B.C. SE-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.

O.B.C. SB-12-3.1.1.9.

GENERAL:

MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.3 AIR CHANGES PER HOUR AVERAGED OVER 24 HOURS. SEE MECHANICAL DRAWINGS.

ALL DOWNSPOUTS TO DRAIN AWAY FROM THE BUILDING AS PER OBC 9.26.18.2. AND MUNICIPAL STANDARDS. STUD WALL RENFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM RENFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATE

CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM, REFER TO OB 9.5.2.3, 3.8.3.8.(3)(a), 3.8.3.8.(3)(c), 3.8.3.13.(2)(q) & 3.8.3.13.(4)(e)

MR BARRIERS
ALL AIR BARRIER SYSTEMS TO COMPLY WITH O.B.C.-DV. B, 9.25.3.

OUTDOOR AR INTAKE
ALL OUTDOOR AR INTAKES SHALL BE LOCATED SO THAT THEY ARE SEPARATED FROM SOURCES OF CONTAMINATION (EXHAUST VENTS) IN COMPLIANCE WITH O.B.C. DIV.-B 6.2.3.12. AND TABLE 6.2.3.12.

UMBER:

) ALL LUMBER SHALL BE SPRUCE NO.2 GRADE. LINESSS NOTED OTHERWISE

LIMBER EXPOSED TO THE EXTENSION TO BE SPRUCE NULLES WHEN UNLESS WELL OF SPRUCE NULL GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.

1) ALL LABINATED VENERE LUMBER (LV.L.) BEAMS, GROEF TRUSSES, AND METAL RANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGN & CERTIFIED BY ROOF TRUSS MANUE.

& CERTIFIED BY ROOF TRUSS MANUF.

LVL BEAMS SHALL BE 2.0E—2850Fb MIN. NAIL EACH PLY OF LVL WITH

89mm (3 1/2") LONG COMMON WIRE NAILS @ 300mm (12") O.C.

STAGGERED IN 2 ROWS FOR 184,240 & 300mm (7 1/4",9 1/2", 11

7/8") DEPTHS AND STAGGERED IN 3 ROWS FOR GREATER DEPTHS AND FOR 4 PLY MENBERS ADD 13mm (1/2") DIA. GALV. BOLTS BOLTED AT MID-DEPTH OF BEAM @ 915mm (3"-0") O.C.

PROVIDE TOP MOUNT BEAM HANGERS TYPE "SCL" MAN SMPSON STRONG—TIE OR EQUAL FOR ALL LVL BEAM CONNECTIONS UNLESS NOTED OTHERWISE.

JOIST HANGERS: PROVIDE METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING FLUSH BUILT-UP WOOD MEMBERS.

) WOOD FRAMMS NOT TREATED WITH A WOOD PRESERVATVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONCRETE BY AT LEAST 2 mil. POLIVETHYLENE FILM, No. 50 (488a.), ROLL ROGING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD WEMBER IS AT LEAST 150mm (6") ABOVE THE GROUND.

STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40.21 GRADE 350W. "STRUCTURAL QUALITY". PER OBC. B-9.23.4.3.

2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-1811 GRADE 400R STUCCO:

ALL STUCCO WALLS TO HAVE A MINIMUM 10mm AIR SPACE BEHIND THE CLADDING WITH POSTING DRAINING TO THE EXTERIOR. THE EXTERIOR SHEATHING MUST NOT BE GYPSUM BASED, ALL STUCCO TO BE INSTALLED AS PER IMMUFACTURERS SPECIFICATIONS.

THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 3.1.1.1

USE SB-12 COMPLIANCE PACKAGE (A1): COMPONENT A1 Notes: Ceiling with Attic Spece 10.56 R20 at inner face of exterior walls um RSI (R) value 0.46 BATT or SPRAY Minimum RSI (R) value
Expased Floor BATT OF SPRAY Minimum RSI (R) value 3.87 (R22) 6" R22 BATT 3.52ci OPTION TO USE (R20ci) R12+R10ci. 6" R22 BATT rum RSi (R) value RIGID INSUL ≤600mm below grade Minimum RSI (R) value Windows & Sliding glas (R10) (0.28) Maximum U-value 2.8U (0.49) Skylights 96% Min. NATURAL GAS Minimum AFUE
Hot Water Heat 0.66 (8.0) NATURAL GAS um EF 75% um Efficienc Drain Water Hea Minimum 1 OR Maximum 2 Required, Dependent on number of showers install Refer to SB12-3.1.1.12 for information wery Unit (DWHR)

LEGEND

.⊕⁸^

₩EATHERPROOF
DUPLEX OUTLET

POT LIGHT

C LIGHT FIXTURE (PULL CHAIN)

SWITCH

S EXHAUST FAN TO EXTERIOR CLASS 'B' VENT

CHEIGHT AF.F) DUPLEX OUTLET (12" ABOVE SURFACE) GFI DUPLEX OUTLET (HEIGHT A.F.F)

(4) HEAVY DUTY OUTLET (220 volt)

LIGHT FIXTURE (CEILING MOUNTED) ф-- LIGHT FIXTURE (WALL MOUNTED)

→ SHOSE BIB (NON-FREEZE) ® ⊗ FLOOR DRAIN S.A. COMBINED SMOKE ALARM AND COD. CARBON MONOXIDE DETECTOR/ALARM

DJ -- DOUBLE JOIST

TJ ---- TRIPLE JOIST SJ --- SINGLE JOIST LVL -- LAMINATED VENEER LUMBER

P.T. PRESSURE TREATED LUMBER

G.T. GIRDER TRUSS BY ROOF TRUS

FA I FLAT ARCH

TCA T CURVED ARCH

M.C. MEDICINE CABINET

CONC. BLOCK WALL

SPECIAL WALL CONSTRUCTION SEE NOTE ON PLANS

SOUD WOOD BEARING (SPRUCE No. 2).
SOUD BEARING IS TO BE AS WIDE AS SUPPORTED MEMBER OR AS DIRECTED BY STRUCTURAL ENGINEER.
SOLID BEARING TO BE MANIAUM 2 PIECES.
HIE NUMBER SHOWN AFTER "SB" REPRESENTS THE NUMBER OF PLIES REQUIRED. DAMPILE SBS = 3 PILY SOLID BEARING.

SOLID WOOD BEARING TO MATCH FROM ABOVE

NOTE: SOLID BEARING TO BE AT LEAST AS WIDE AS THE SUPPORTED

A SMOKE ALARM (REFER TO OBC 9.10.19) PROVIDE 1 PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL AND ALSO 1 IN EACH BEDROOM NEAR HALL DOOR, ALARMS TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND INTERCONNECTE TO ACTIVATE ALL ALARMS IF 1 SOUNDS. BATTERY BACK—UP REQUIRED. SMOKE ALARMS TO INCORPORATE VISUAL SIGNALLING

- CARBON MONOXIDE ALARM (OBC 9.33.4.) WHERE A FUEL-BURNING APPLIANCE IS INSTALLED IN A DWELLING UNIT, A CARBON MONOMODE DETECTOR CONFORMING TO CAN, CCA-6,19,CSA 6,19 OR UL2034 SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA. CARBON MONOMIDE DETECTOR(S) SHALL BE PERMANENTLY WINED SO THAT ITS ACTIVATION WILL ACTIVATE ALL CARBON MONOMIDE DETECTORS AND BE EQUIPPED WITH AN ALARM THAT IS AUDIBLE WITHIN BEDROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

SOIL GAS CONTROL (OBC 9.13.4.1 & 9.13.4.2) PROVIDE CONSTRUCTION TO PREVENT LEAKAGE OF SOIL GAS INTO THE BUILDING IF REQUIRED.

DRAIN WASER HEAT RECOVERY AUNIT (DWHR)
PER SBY2-3:1.1.12. A DRAIN WATER HEAT RECOVERY (DWHR)
UNIT SHALL BE INSTALLED IN EACH DWELLING UNIT TO RECEIVE
DRAIN WATER HEADIN ALL SHOWERS OF SHOW AT LEAST TWO
SHOWERS WHERE THERE ARE TWO OR MORE SHOWERS IN THE
DWELLING UNIT. DOES NOT APPLY IT THERE ARE NO SHOWERS OR
NO STOREY BEACHT ANY OF THE ARE WEST.

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH MONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LA

drawings and/or specifications have been reviewed by DA 115/21

CONTRACTOR MUST VERIF PFALE DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO VA3 DESIGN INC. BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE DESIGNER WHICH

MUST BE RETURNED AT THE COMPLETION OF THE WORK. ALL DRAWINGS TO BE USED FOR CONSTRUCTION ONLY AFTER BUILDING PERMIT HAS BEEN ISSUED.

> SB-12 COMPLIANCE PACKAGE 'A1' TO BE USED FOR THIS MODEL The minimum thermal performance of building envelope and equipment shall conform to the selected package unless otherwise noted.

REVISION:
ONT. REG. 332/12-2012 OBC Amendment O. Reg. 88/19 JAN. 01, 2020

PACKAGE

SINGLES

19014

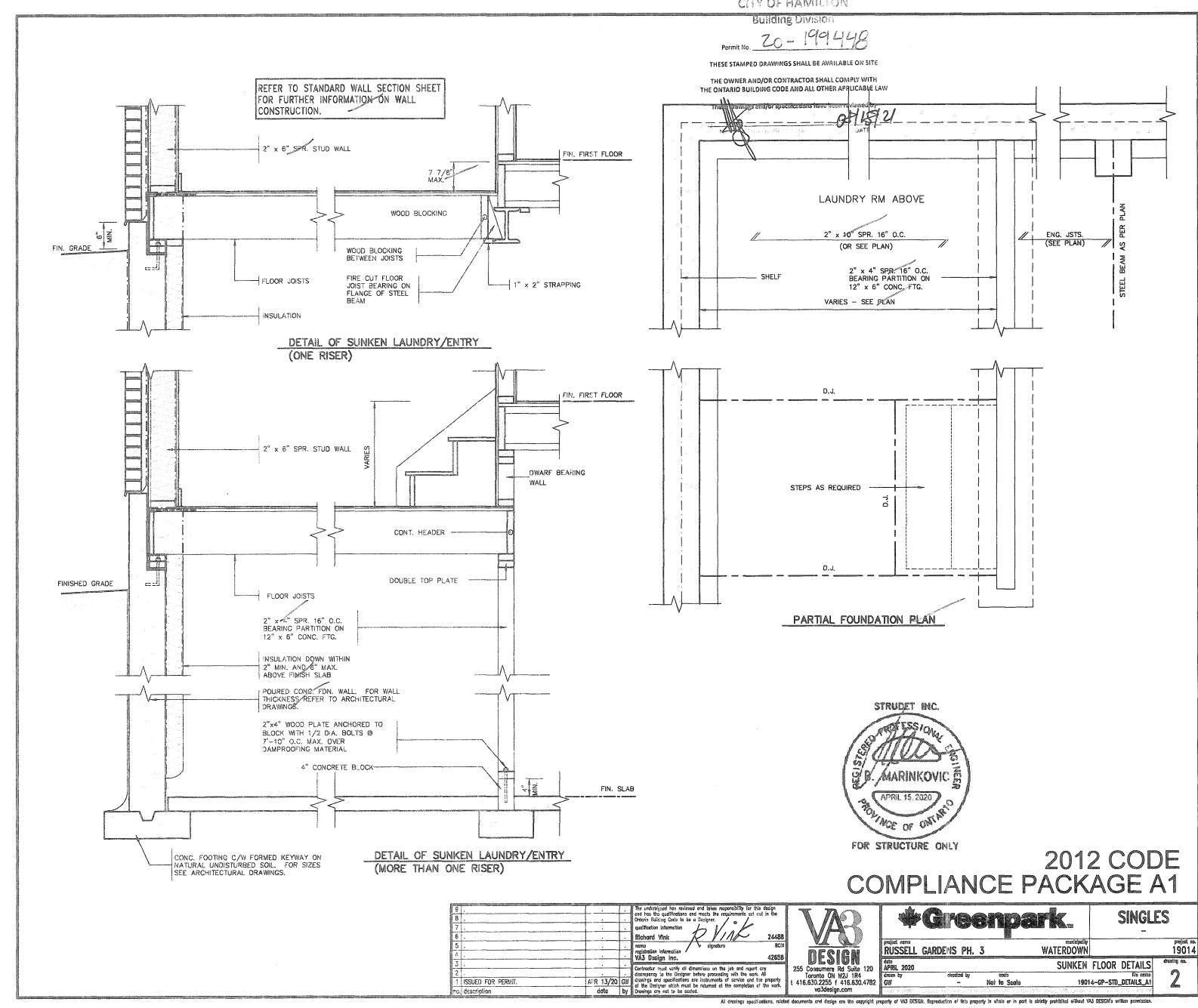


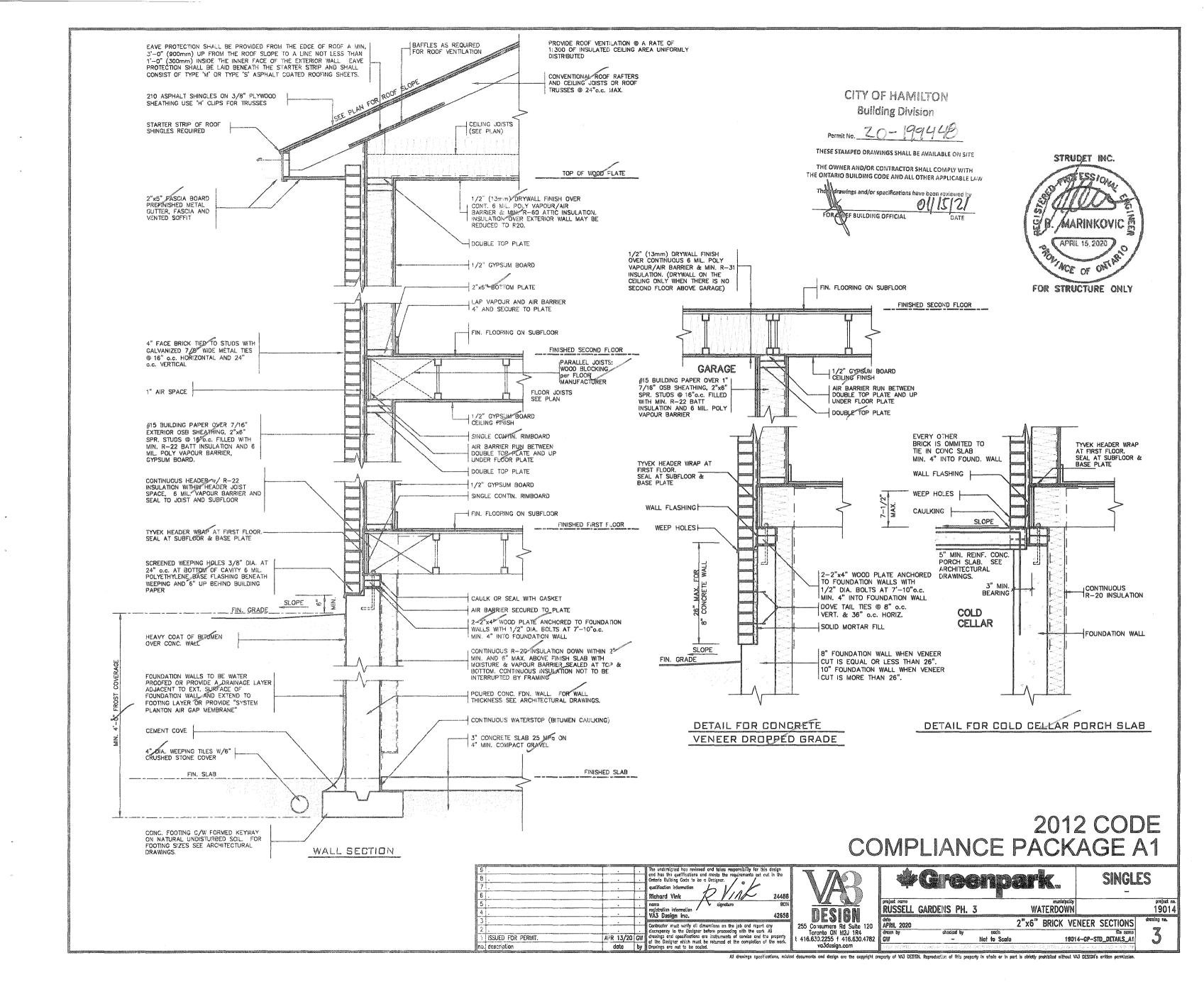
Greenbark. RUSSELL GARDENS PH.3

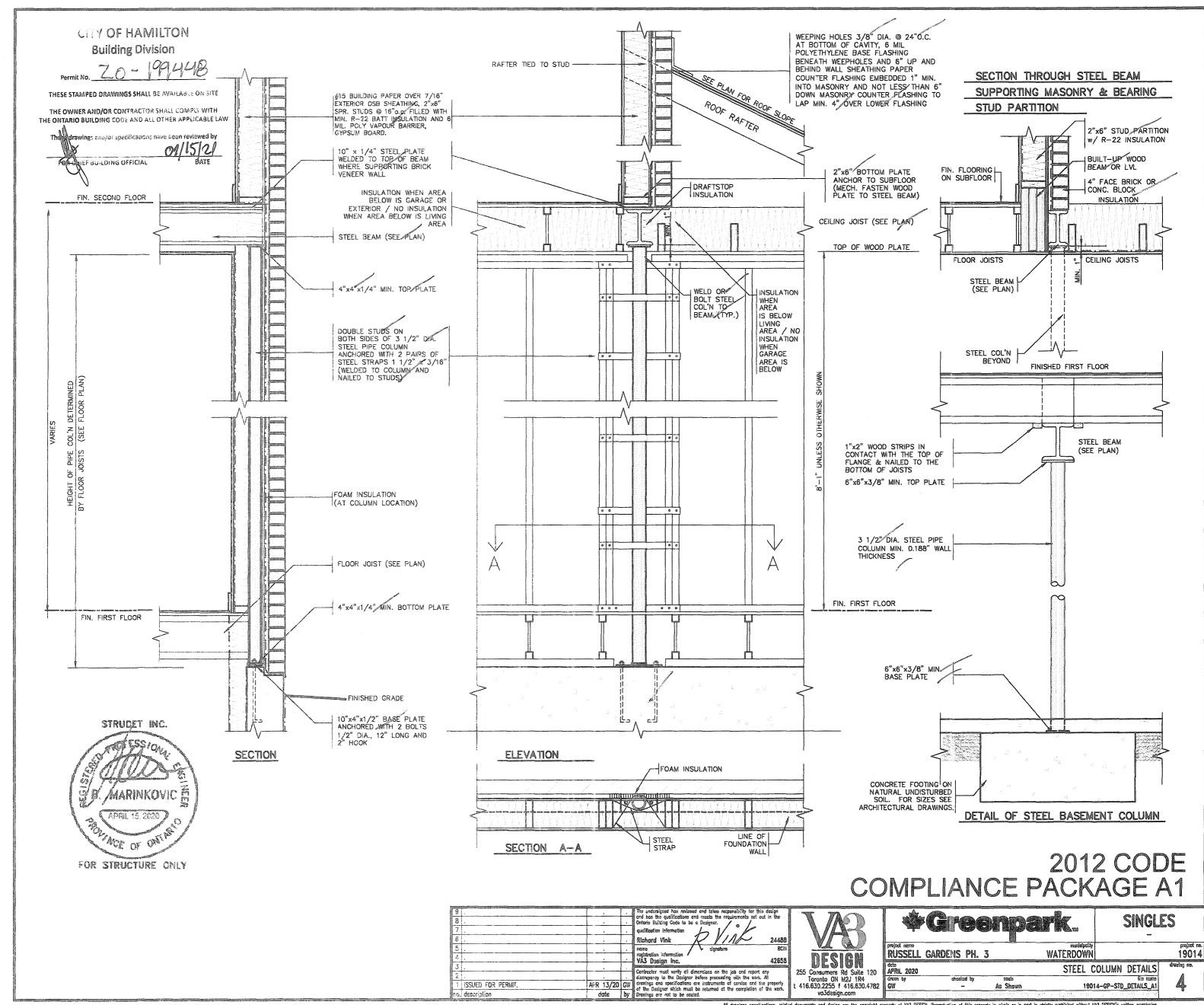
WATERDOWN

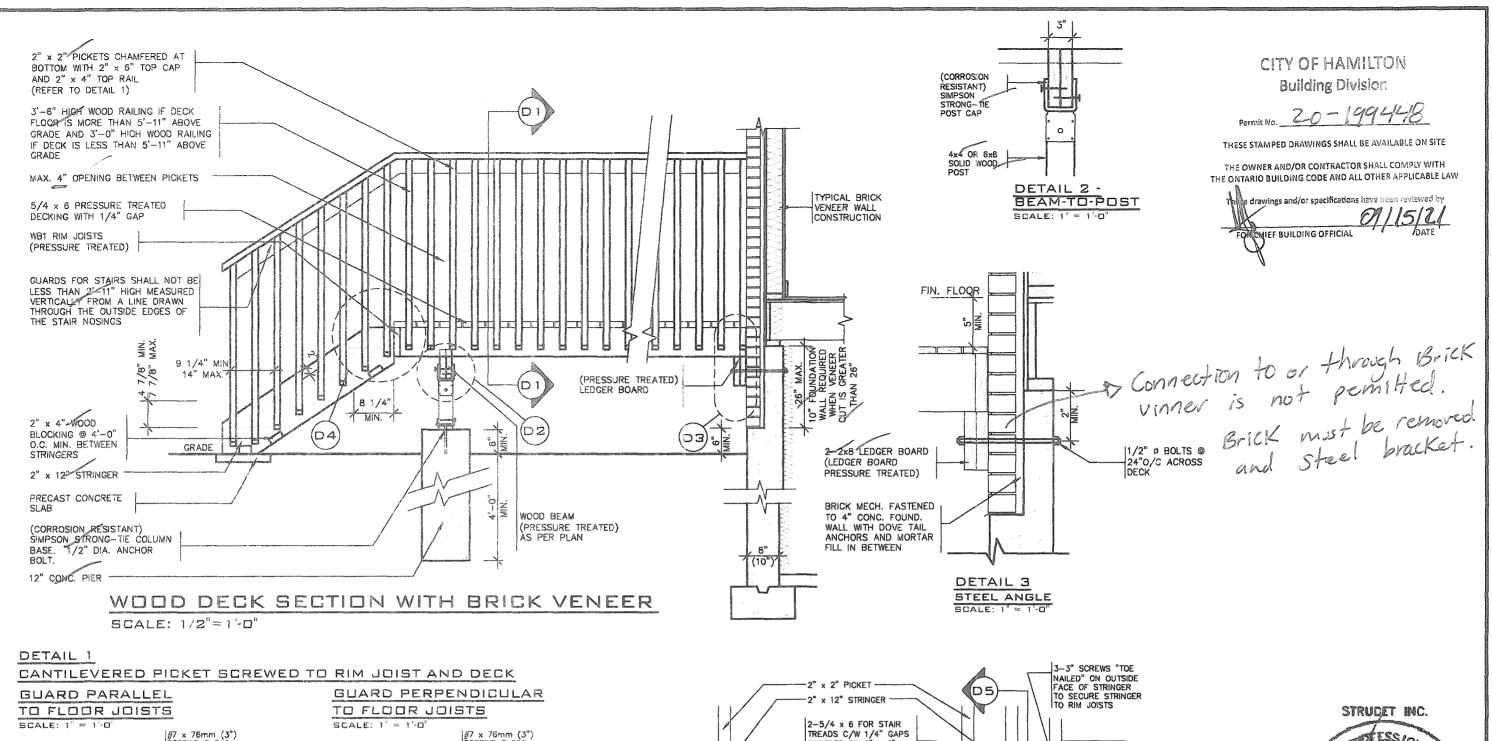
TYPICAL CONSTRUCTION NOTES Toronto CN M2J 1R4 dote 416.630.2255 f 416.630.4782 APRIL 2020 3/16" = 1'-0" GP-14X18-NOTES-2020-VA3-PKG-A1-19014 G₩ GW

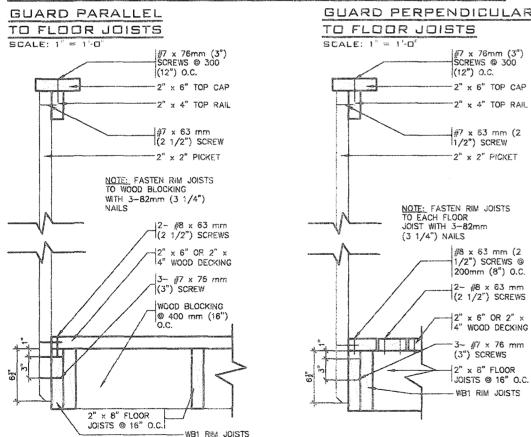
vg3design.com

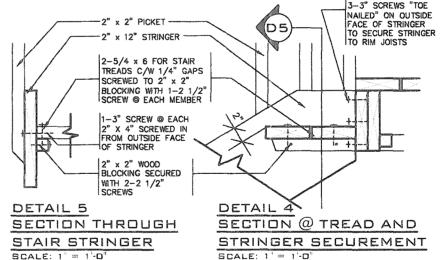












iessione MARINKOVIC POLYNCE OF ONT A FOR STRUCTURE ONLY

GENERAL NOTES

- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPa (2200 p.s.i) MIN.UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.

 MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
- 20mm (3/4") MAX.
 THE DECK HAS BEEN DESIGNED TO SAFELY SUPPORT A SUPERIMPOSED LOAD

- OF 1.9kPa. [40psf].

 ALL NAILS AND SCREWS TO BE GALVANIZED.

 WOOD FOR CANTILEVERED PICKETS SHALL BE DOUGLAS FIR-LARCH,

 SPRUCE-PINE-FIR, OR HEM-FIR SPECIES.

 CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 20MPa. AT 28 DAYS AND
- 5-8% AIR ENTRAINED.
- PRESSURE OF 150kPa [3130psf].
- WB1= 2- 2"x8" (PRESSURE TREATED)
 WB3= 2- 2"x10" (PRESSURE TREATED)

2012 CODE **COMPLIANCE PACKAGE A1**

&Greenpark SINGLES name registration informatio VA3 Design Inc. RUSSELL GARDENS PH. 3 WATERDOWN 19014 255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com 42658 WOOD DECK DETAILS ISSUED FOR PERMIT 19014-GP-STD_DETAILS_A1 As Shown

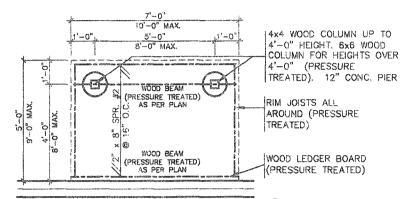
CITY OF HAMILTON
Building Division

Permit No. 20 - 199498

THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE

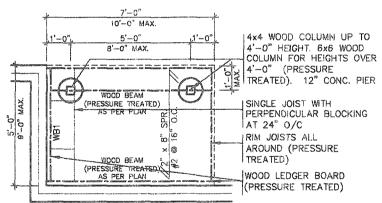
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

The drawings and/or specifications have been reviewed by ON 15/2/
FOR HIEF BUILDING OFFICIAL DATE



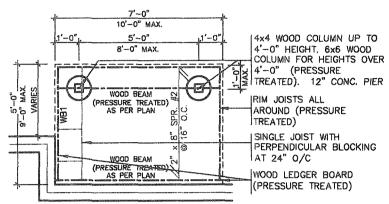
TYPICAL DECK LAYOUT

SCALE: 1/4"=1'-0"



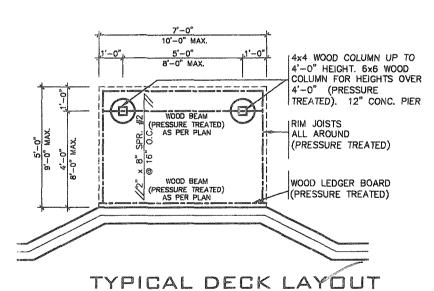
TYPICAL DECK LAYOUT

SCALE: 1/4"=1'-0"

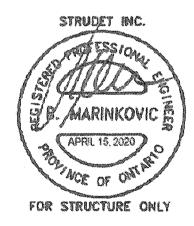


TYPICAL DECK LAYOUT

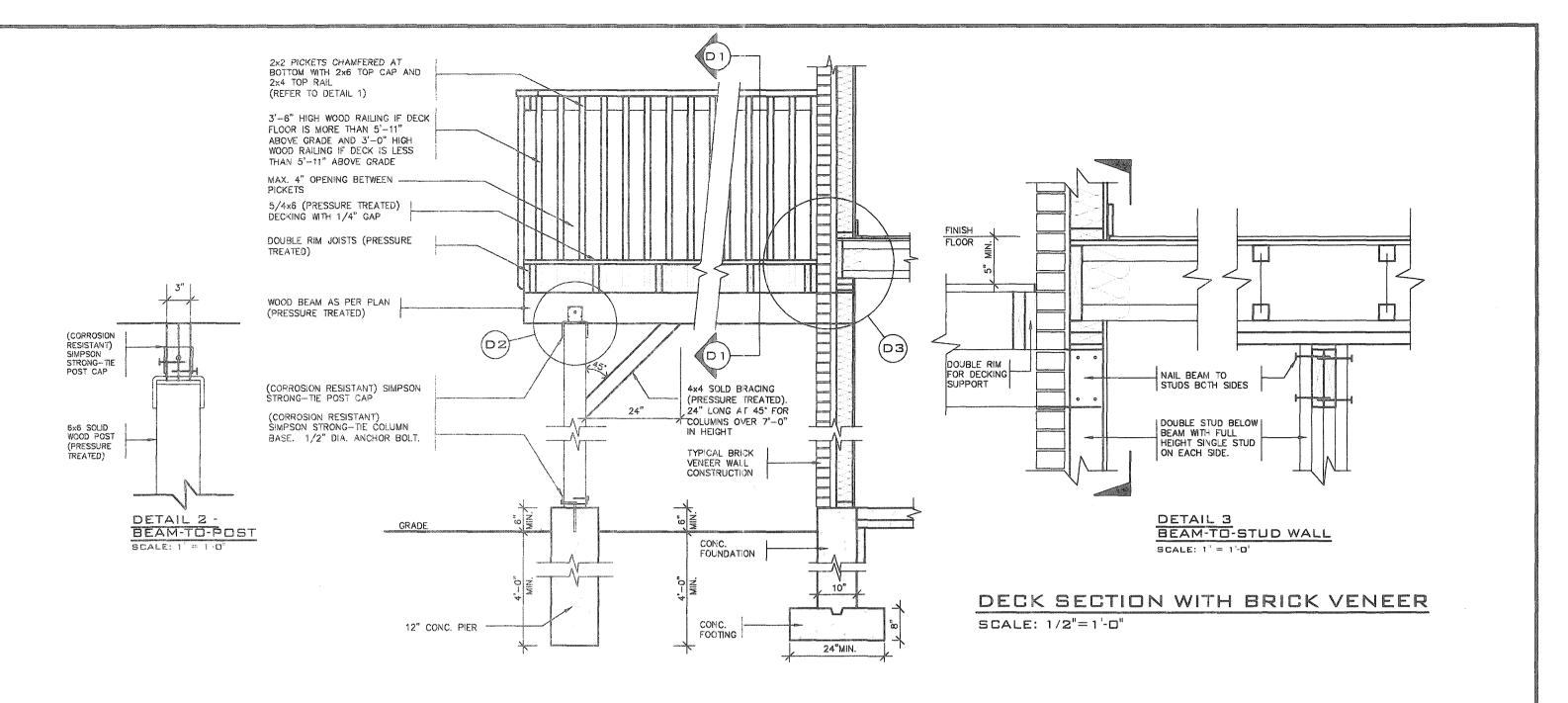
SCALE: 1/4"=1'-0"



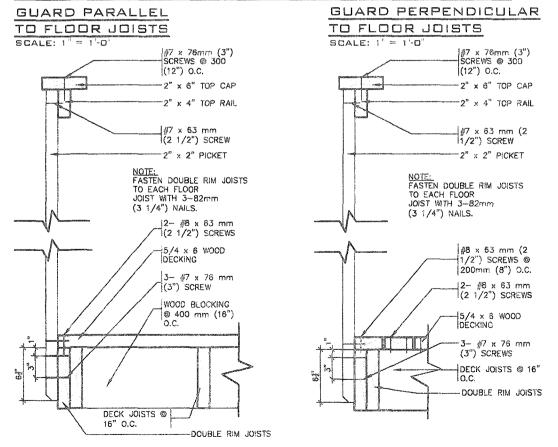
SCALE: 1/4"=1'-0"



9 . 8 . 7 . 6			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Codes to be a Designer. qualification information Richard Vinik 24488	VAR		Gree	npark.	SINGL	ES
5 . 4 .	•	· .	norms signoture BCN registration information V&S Design Inc. 42658		RUSSELL	GARDENS PH. 3	WATERDOWN		րա <u>ի</u> 190
3 . 2 .	- :	-: :	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120	APRIL 2020	chooked by		OD DECK PLANS	News Co.
1 ISSUED FOR PERMIT. A			orianings and specifications are instruments of service and the property of the Dosigner which must be returned at the completion of the work. Drawings are not to be scaled.	t 416.630.2255 f 416.630.4782 va3design.com		-,	As Shown 1901	Rio memo 14-GP-STD_DETAILS_A1	



CANTILEVERED PICKET SCREWED TO RIM JOIST AND DECK

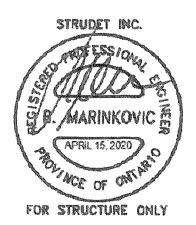


GENERAL NOTES

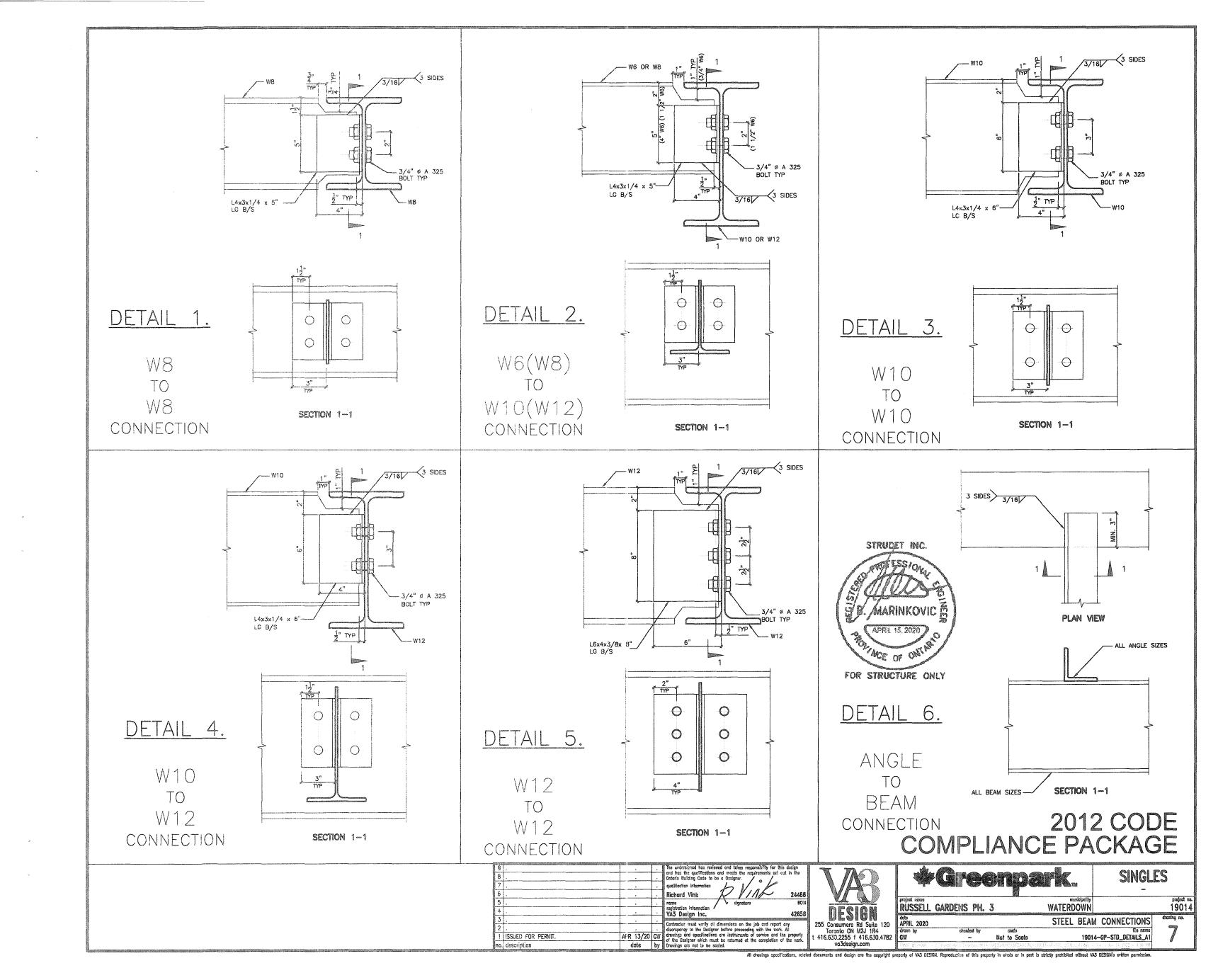
- BRICK TO HAVE COMPRESSIVE STRENGTH OG 15mPo (2200 p.s.i) MIN.UNITS TO
- BE LAID WITH FULL HEAD AND BED JOINTS.

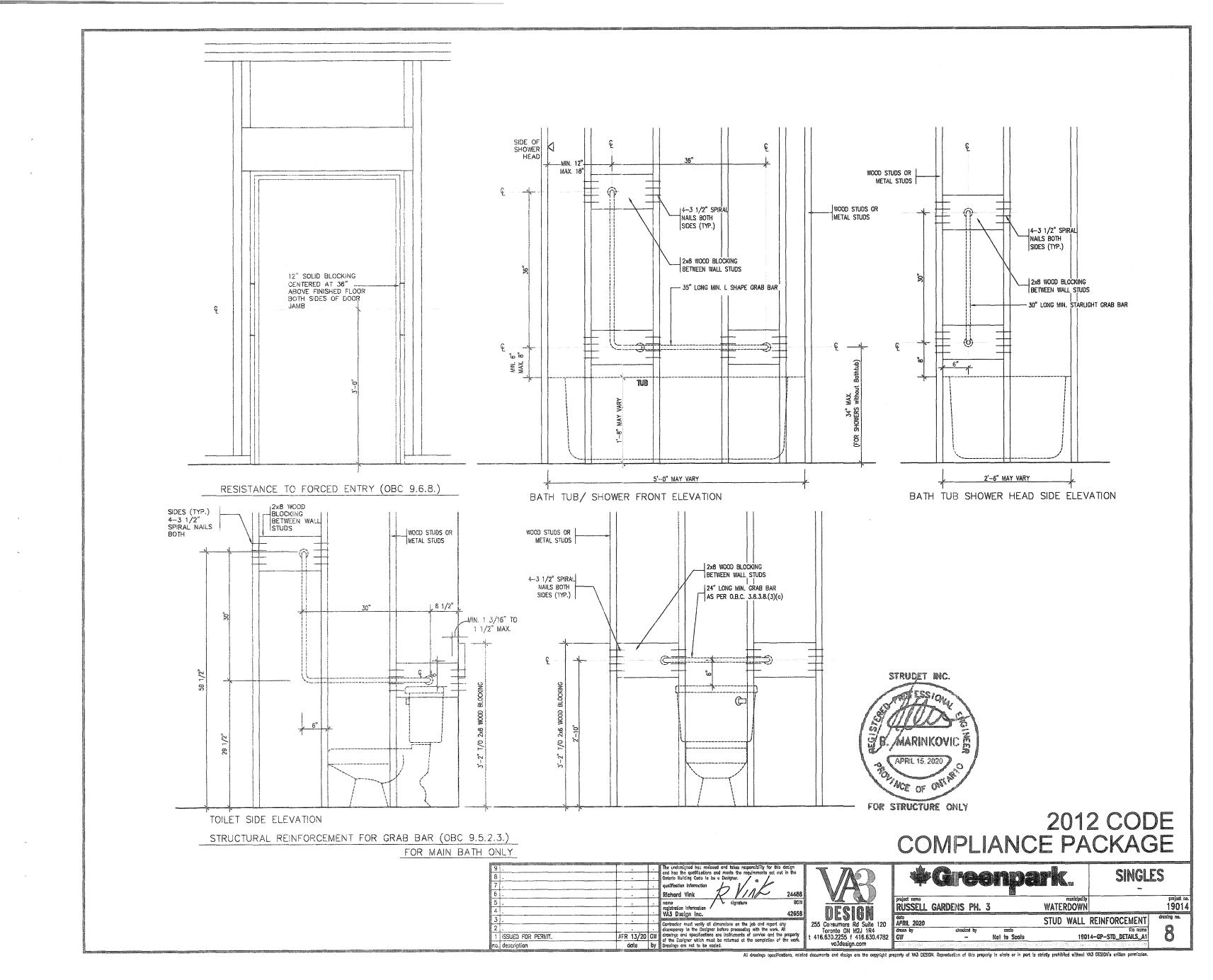
 MORTAR TO BE TYPE 'S' WITH JOINT THICKNESS OF 10mm (3/8") MIN. AND
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 ALL NAILS AND SCREWS TO BE GALVANIZED.
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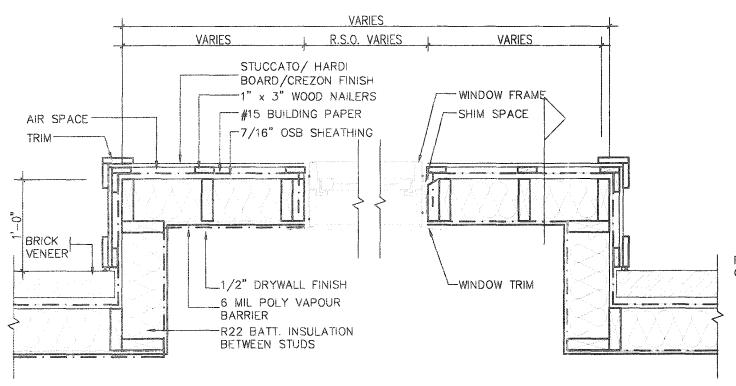
 WB1= 2- 2"x8" (PRESSURE TREATED)
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9 . 8 . 7 . 6 .		·	The undersigned has reviewed and takes responsibility for this design and has the qualifications and meats the requirements set out in the Ontario Bullian Code to be a Designer. qualification information Richard Vink 24488	VAR		Gre	enpa	ark.	SINGL	
5 . 4 .		<u> </u>	name signature BCI registration information v3 Design Inc. 42656	-68 YEV ANY NETWORK AND S	RUSSELL	GARDENS PH.	. 3	municipality WATERDOWN		project no. 19014
3 . 2 .			Contractor must verify all dimensions on the jeb and report any discrepancy to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120	APRIL 2020 drawn by	checked by	WOOD DECK		OUT CONDITION	C
1 ISSUED FOR PERMIT.	APR 13/2 date	by	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.	t 416.630.2255 f 416.630.4782 va3design.com	GW ARROW BY FRANCE	(Carol (de 15 tagror) 190	As Shown	1901 - 12014 - BONES_ALGO,	4-GP-STD_DETAILS_A1	0



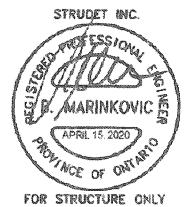




STUCCATO/ HARDI BOARD/CREZON FINISH GAP IN NAILERS -1/2" DRYWALL FINISH 1" x 3" WOOD NAILERS-6 MIL POLY VAPOUR #15 BUILDING PAPER BARRIER 7/16" OSB SHEATHING-R22 BATT. INSULATION BETWEEN STUDS PREFIN. METAL FLASHING ROOF SHEATHING ON ROOF RAFTERS STEEL STRUCTURE BRICK BEYOND-CROSS SECTION

STUCCATO BOARD FINISH CLADDING OR EQUAL (OBC 9.27.)

PLAN VIEW



TYPICAL ROOF CONSTRUCTION

VENTED SOFFIT

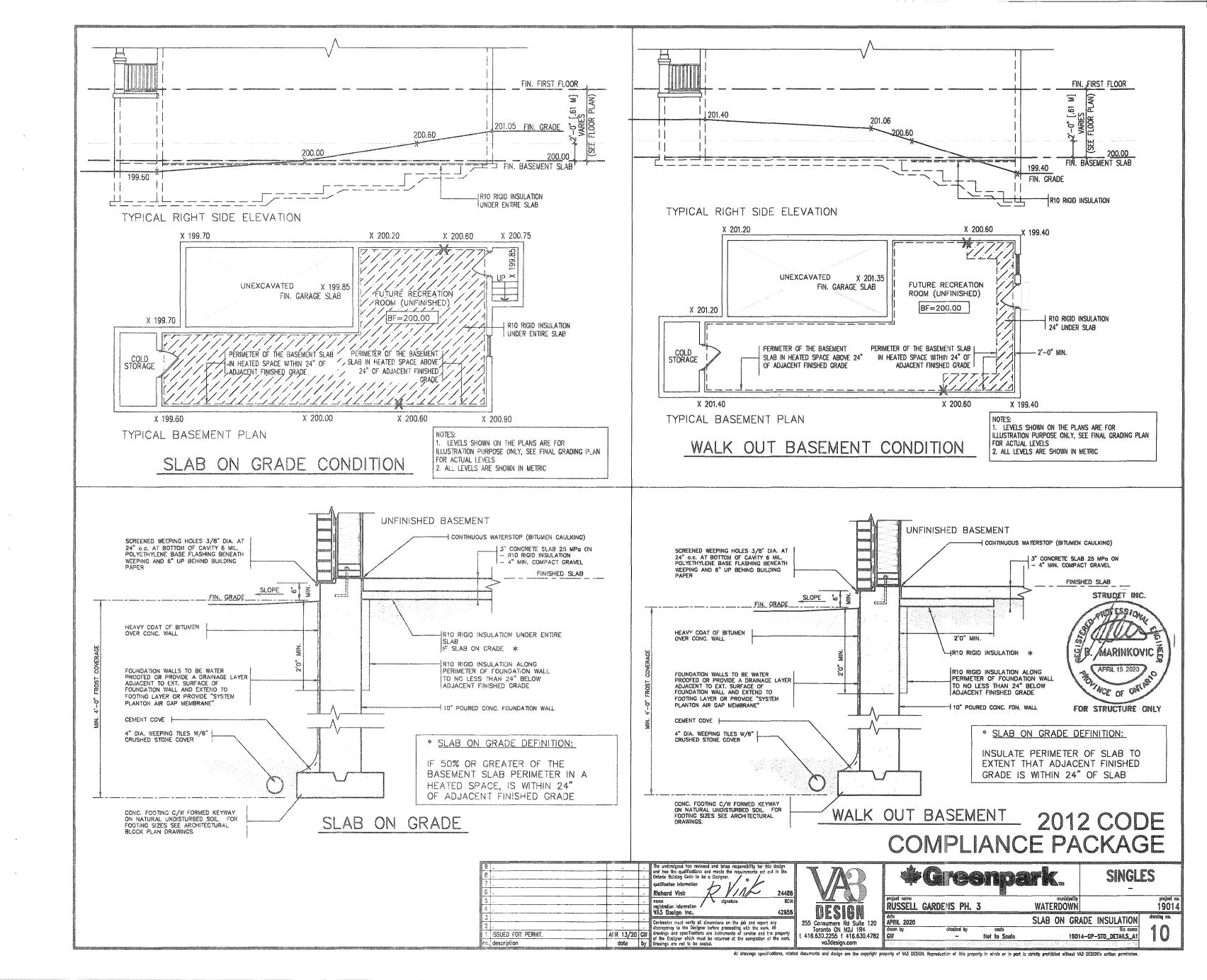
AIR SPACE

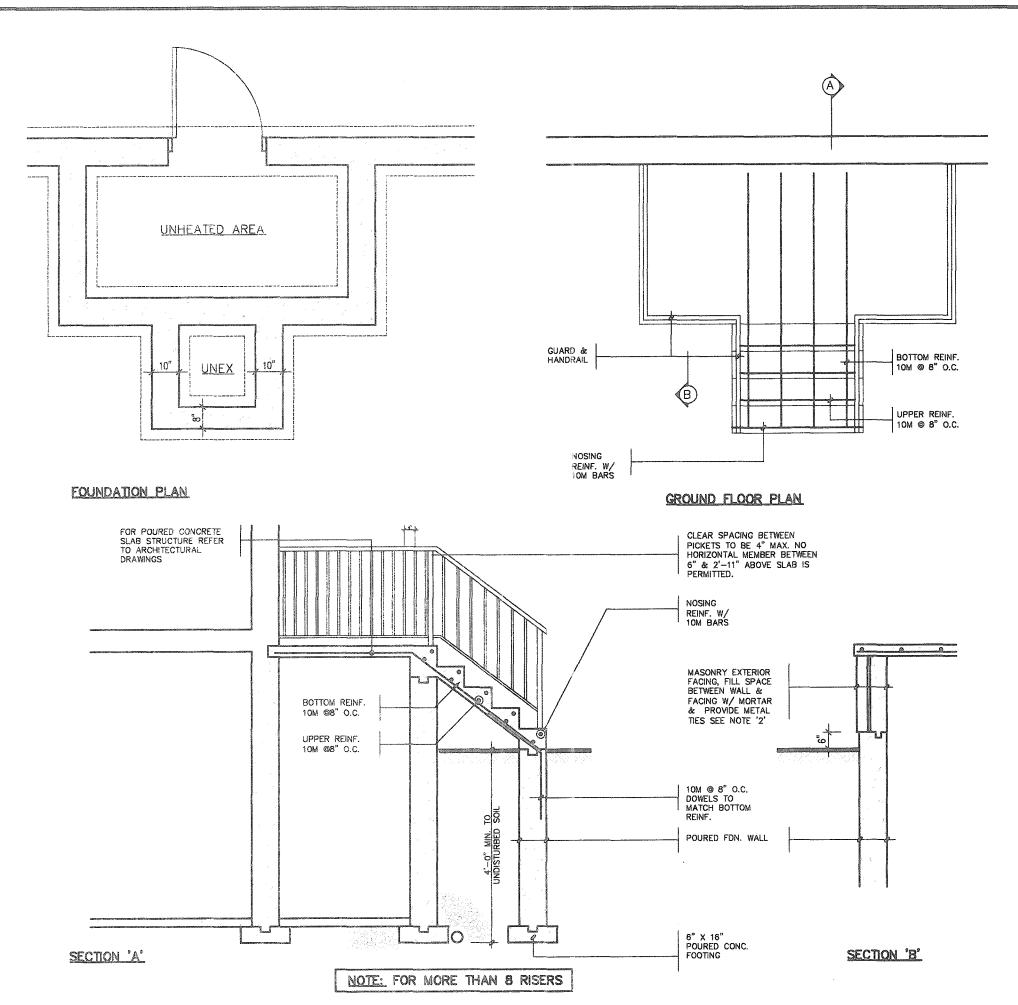
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2012 CODE COMPLIANCE PACKAGE A1

FIN. FLOOR

9 . 8 . 7 . 6 .			The undersigned has reviewed and takes responsibility for this design and has the qualifications and meets the requirements set out in the Ontario Building Code to be a Designer. qualification information Richard Vink 24488	VAR		dreen;	erk.	SINGL	ES
5 . 4 . 3	•	ŀ	nome signature BCIN registration information VA3 Design Inc. 42658		deto	RDENS PH. 3	WATERDOWN	L BOARD TIMEL	project no. 19014 drawing no.
2 . 1 ISSUED FOR PERMIT.	AFR 13/20	GW by	Contractor must verify all dimensions on the job and report any discrepancy to the Designer before proceeding with the work. All drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be socied.	255 Consumers Rd Suite 120 Toronto ON M2J 1R4 t 416.630.2255 f 416.630.4782 va3design.com	APRIL 2020 drawn by GW	checked by scale Not to Sca		I BOARD FINISH RE FINISH 14-GP-STD_DETAILS_A1	9
			All drawings specifications, relat	led documents and design are the capyright pr	operty of VA3 DESIGN. Re	eproduction of this property in whole or i	n part is strictly prohibited without V	A3 DESIGN's written permission.	





GENERAL NOTES

1. EXTERIOR STAIRS

- 7 7/8" RISE MAXIMUM 8 1/4" RUN MINIMUM 9 1/4" TREAD MINIMUM

2. MASONRY TIES

WHEN BRICK FACING IS USED ABOVE GROUND LEVEL, PROVIDE 3/16" DIA. CORROSION RESISTANT METAL TIES @ 36" HORIZONTAL & 8" VERTICAL

3. GUARDS

ARE REQUIRED AROUND CONCRETE SLAB IF MORE THAN 2'-0" ABOVE GRADE & ON BOTH SIDES OF STAIRS CONTAINING MORE. THAN 6 RISERS. MINIMUM 34" HIGH FOR STAIRS MINIMUM 36" HIGH FOR PORCHES UP TO 5'-11" ABOVE GRADE, MINIMUM 42" HIGH FOR GREATER HTS.

4. HANDRAIL

ARE REQUIRED WHERE STEPS HAVE MORE THAN 3 RISERS . HANDRAIL HEIGHT 34" -- 38".

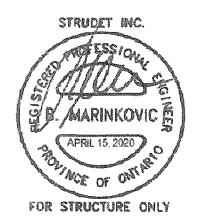
5. FOUNDATION WALLS

THICKNESS OF FOUNDATION WALLS IS DEPENDANT UPON VENEER CUT 8" FOR UP TO 26" VENEER CUT HEIGHT 10" FOR VENEER CUT OVER 26" HIGH

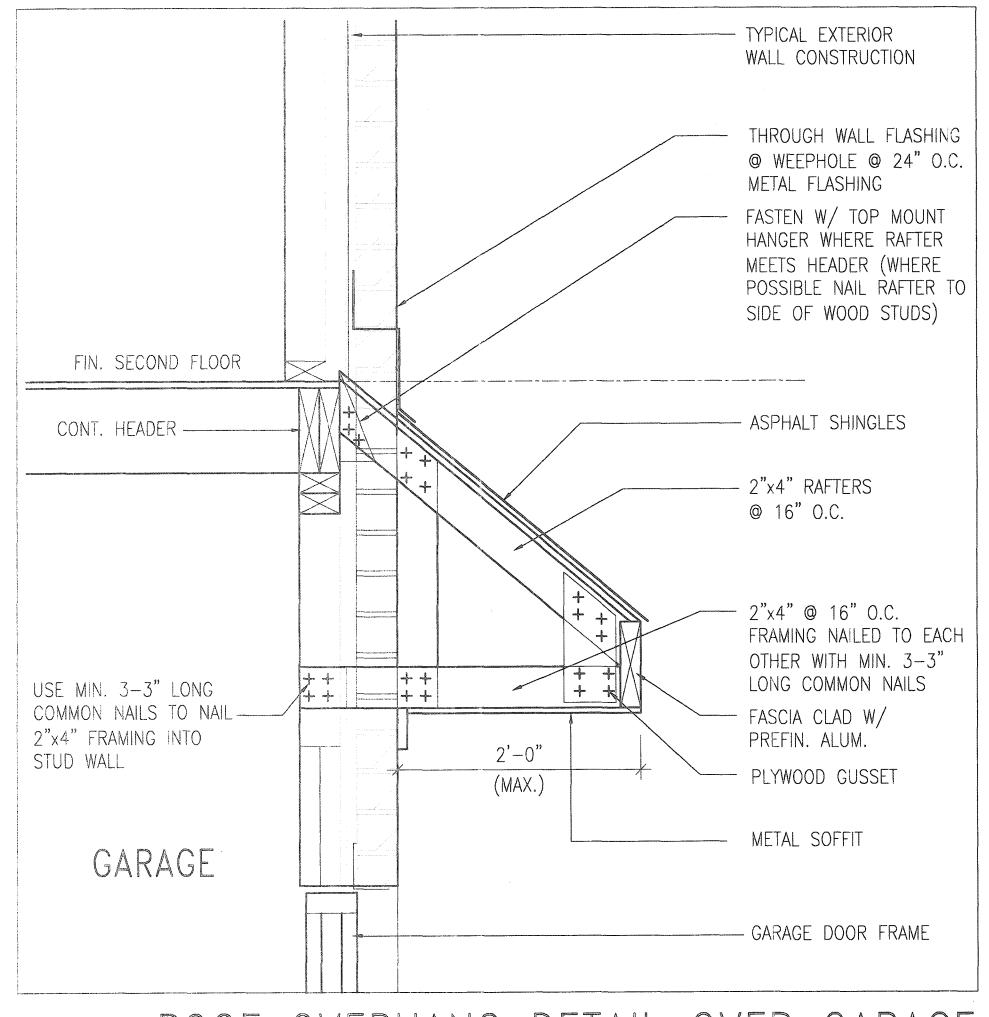
6. CONCRETE

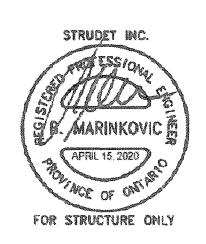
MINIMUM CONCRETE STRENGTH SHALL BE 4650 PSI [32MPa] W/ 5%-8% AIR ENTRAINMENT MINIMUM CONCRETE SLAB THICKNESS 5"

PROVIDE MINIMUM 3/4" CLEAR CONCRETE COVER TO REINFORCING BARS



9 . 8 . 7 . 6			The undersigned has reviewed and takes responsibility for this design and has the qualifications and mosts the requirements set out in the Ontario Building Cods to be a Designer. qualification information Richard Vink 24488	VAR		Green	park.	SINGLE	
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3 . 2 .		<u>i</u>	Contractor must verify all dimensions on the job and report any discretionary to the Designer before proceeding with the work. All	255 Consumers Rd Suite 120	APRIL 2020	checked by	POURED CONC	. PORCH STEPS	drawing no.
1 ISSUED FOR PERMIT. no. description	APR 13/20 date	GW by	drawings and specifications are instruments of service and the property of the Designer which must be returned at the completion of the work. Drawings are not to be scaled.	t 416.630.2255 f 416.630.4782 va3design.com			i to Scale 1901 Rec (MIRCHEN SCHOOL - REST_BENE , Acces -	4-GP-STD_DETAILS_A1	





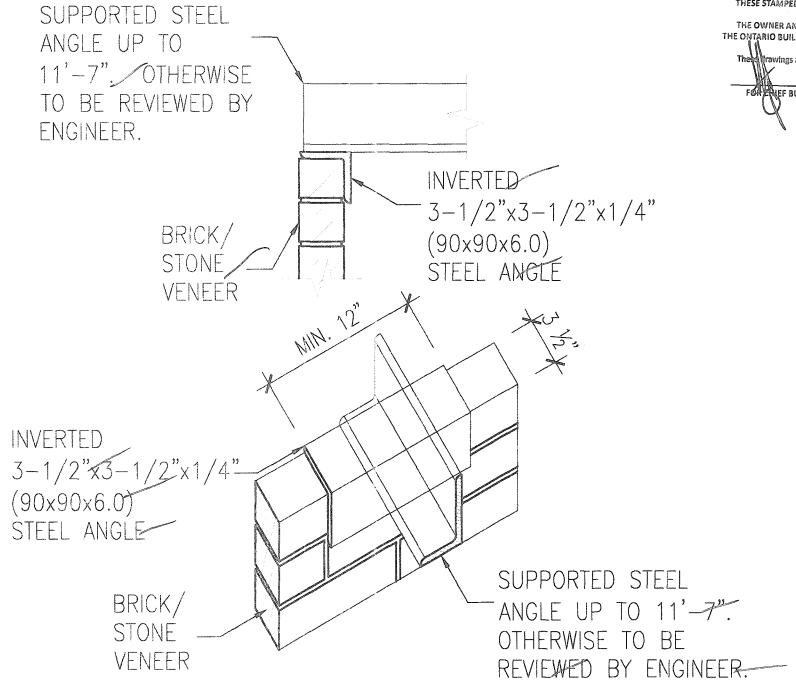
B

ROOF OVERHANG DETAIL OVER GARAGE

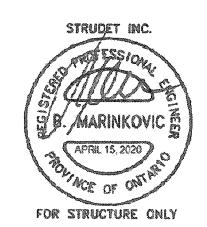
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THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH E ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW

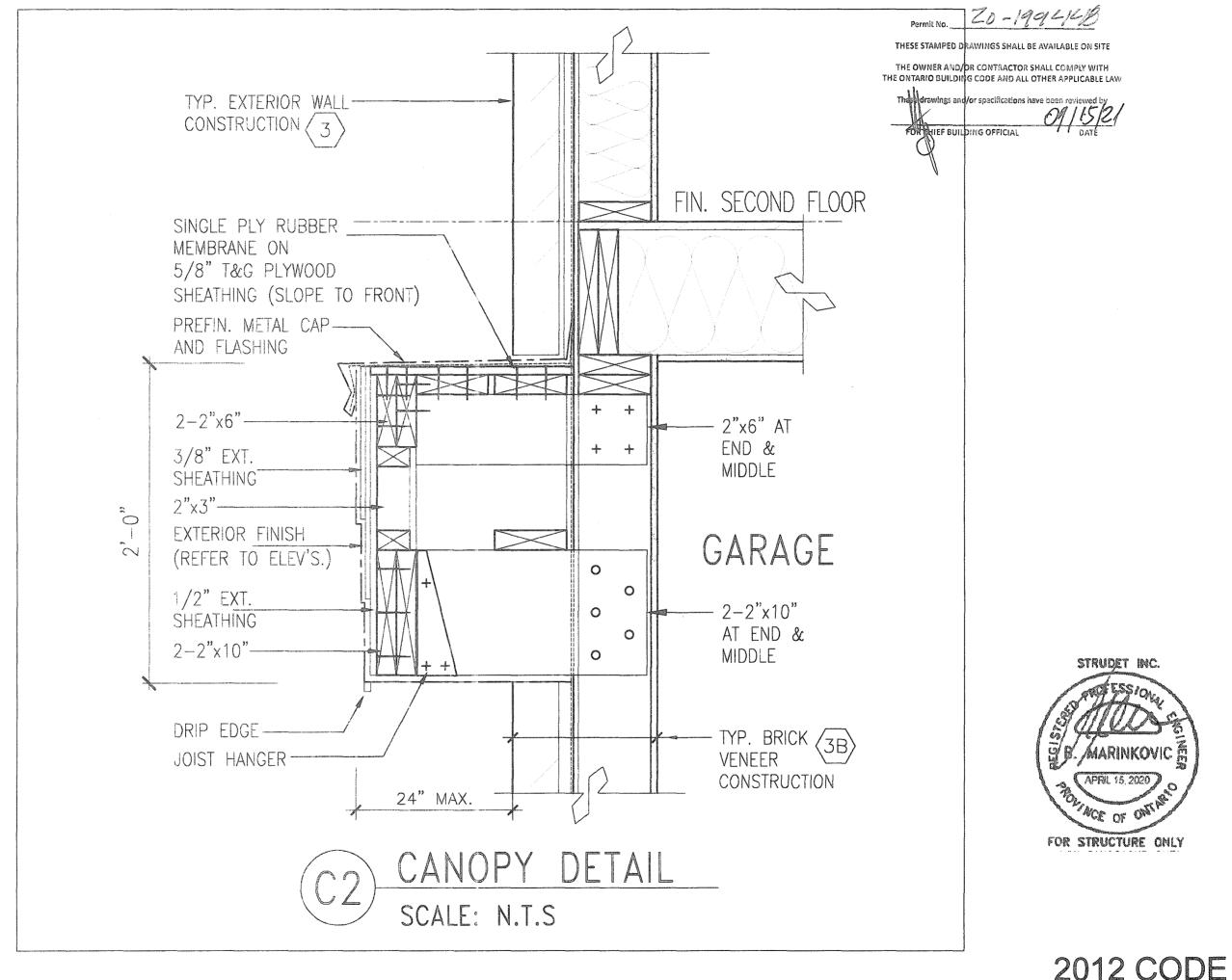


INVERTED STEEL ANGLE DETAIL



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CITY OF HAMILTON
Building Division



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